

WHAT IS CLAIMED:

1. A portable remote control locomotive device comprising:
an operator input for generating locomotive commands;
a transceiver for transmitting the locomotive commands to a locomotive;
a display;
a data base of at least a track profile stored on the device; and
a program on the device for determining and driving the display to show the location of the locomotive on the track.
2. The device according to Claim 1, wherein the program determines and drives the display to show the location and the forces in a train including the locomotive.
3. The device according to Claim 1, wherein the transceiver receives and provides locomotive telemetry to the program.
4. The device according to Claim 3, wherein the telemetry includes global positioning data.
5. The device according to Claim 4, including a global positioning system communicating with the program.
6. The device according to Claim 3, wherein the transceiver receives and provides locomotive telemetry from other transmitters to the program, and the program drives the display to show the locations of the other transmitters.
7. The device according to Claim 3, wherein the program stores the location and other information of the locomotive for later playback.
8. The device according to Claim 7, wherein the transceiver transmits the stored locomotive location and information to a central base.